

Transportation and the Economy

Section A Transportation and the Total Economy

Table 3-1a U.S. Gross Domestic Product (GDP) Attributed to For-Hire Transportation Services (Current \$ billions)

	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total GDP^R	5,803.2	5,986.2	6,318.9	6,642.3	7,054.3	7,400.5	7,813.2	8,300.8	8,759.9
GDP									
Trucking and warehousing ^R	69.4	70.9	74.5	79.2	86.4	89.0	92.1	99.5	106.5
Air ^R	45.3	47.0	50.3	56.4	62.5	67.7	70.8	79.2	87.8
Railroad	^R 19.8	^R 22.0	^R 21.6	^R 22.0	^R 23.3	^R 23.6	23.4	^R 23.2	24.2
Transportation services ^{a,R}	18.2	19.5	19.9	20.8	22.6	23.5	25.7	26.9	29.0
Local and interurban passenger transit	^R 9.1	10.2	10.9	^R 11.3	^R 11.6	^R 12.4	^R 13.4	^R 14.8	16.0
Water ^R	10.0	11.1	10.7	10.7	11.5	11.6	12.2	13.3	13.9
Pipelines, except natural gas ^R	5.5	5.5	5.5	5.6	5.5	5.5	5.7	5.9	6.5
Total^R	177.4	186.1	193.4	206.0	223.2	233.4	243.4	262.8	283.9
% of GDP									
Trucking and warehousing	^R 1.2	^R 1.2	^R 1.2	^R 1.2	^R 1.2	^R 1.2	1.2	1.2	1.2
Air	^R 0.8	^R 0.8	^R 0.8	^R 0.8	^R 0.9	^R 0.9	0.9	^R 1.0	1.0
Railroad	0.3	0.4	^R 0.3	0.3	0.3	0.3	0.3	0.3	0.3
Transportation services ^a	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Local and interurban passenger transit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Water transportation	0.2	0.2	0.2	0.2	0.2	^R 0.2	0.2	0.2	0.2
Pipelines, except natural gas	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total	3.1	3.1	3.1	3.1	3.2	^R 3.2	3.1	3.2	3.2
% of for-hire transportation									
Trucking and warehousing ^R	39.1	38.1	38.5	38.4	38.7	38.1	37.8	37.9	37.5
Air ^R	25.5	25.3	26.0	27.4	28.0	29.0	29.1	30.1	30.9
Railroad	^R 11.2	11.8	^R 11.2	^R 10.7	^R 10.4	10.1	^R 9.6	^R 8.8	8.5
Transportation services ^a	^R 10.3	^R 10.5	^R 10.3	^R 10.1	10.1	^R 10.1	^R 10.6	^R 10.2	10.2
Local and interurban passenger transit	5.1	5.5	^R 5.6	5.5	5.2	^R 5.3	5.5	^R 5.6	5.6
Water transportation ^R	5.6	6.0	5.5	5.2	5.2	5.0	5.0	5.1	4.9
Pipelines, except natural gas	^R 3.1	^R 3.0	^R 2.8	^R 2.7	^R 2.5	^R 2.4	^R 2.3	2.2	2.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

^a Defined as services incidental to transportation, such as forwarding and packing and arranging passenger travel and freight transportation.

SOURCE: 1990-98: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business* (Washington, DC: June 2000), table 1.

KEY: R = revised

Table 3-1b U.S. Gross Domestic Product (GDP) Attributed to For-Hire Transportation Services (Chained 1996 \$ billions)

	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total GDP	6,707.9	6,676.4	6,880.0	7,062.6	7,347.7	7,543.8	7,813.2	8,144.8	8,495.7
GDP									
Trucking and warehousing	68.1	71.6	75.7	79.1	85.3	86.6	92.1	97.5	96.6
Air	46.9	45.0	49.2	51.9	59.6	62.9	70.8	75.5	78.1
Railroad	18.1	20.9	20.8	21.0	22.1	22.7	23.4	23.0	22.7
Transportation services ^{a,R}	19.5	19.8	19.6	20.4	22.1	23.4	25.7	26.3	28.7
Local and interurban passenger transit	12.8	12.5	12.4	12.7	12.8	13.2	13.4	14.8	15.3
Water	10.2	10.5	10.3	10.5	11.3	11.3	12.2	13.4	13.4
Pipelines, except natural gas	5.7	6.2	5.9	6.0	5.5	5.0	5.7	6.4	6.9
Total	180.6	185.9	193.6	201.2	218.6	225.1	243.4	256.8	261.6
% of GDP									
Trucking and warehousing	1.0	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.1
Air	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.9	0.9
Railroad	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Transportation services ^a	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Local and interurban passenger transit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Water	0.2	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.2
Pipelines, except natural gas	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Total	2.7	2.8	2.8	2.8	3.0	3.0	3.1	3.2	3.1
% of for-hire transportation									
Trucking and warehousing	37.7	38.5	39.1	39.3	39.0	38.5	37.8	38.0	36.9
Air	26.0	24.2	25.4	25.8	27.3	27.9	29.1	29.4	29.9
Railroad	10.0	11.2	10.7	10.4	10.1	10.1	9.6	9.0	8.7
Transportation services ^a	10.8	10.7	10.1	10.1	10.1	10.4	10.6	10.2	11.0
Local and interurban passenger transit	7.1	6.7	6.4	6.3	5.9	5.9	5.5	5.8	5.8
Water	5.6	5.6	5.3	5.2	5.2	5.0	5.0	5.2	5.1
Pipelines, except natural gas	3.2	3.3	3.0	3.0	2.5	2.2	2.3	2.5	2.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

^a Defined as services incidental to transportation, such as forwarding and packing and arranging passenger travel and freight transportation.

NOTE: For-hire transportation numbers may not equal total due to the nature of the chained dollar calculations.

SOURCE: 1990-98: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business* (Washington, DC: June 2000), table 6.

KEY: R = revised

Table 3-2a

U.S. Gross Domestic Product (GDP) Attributed to Transportation-Related Final Demand (Current \$ billions)

	1980	1985	1990	1995	1996	1997	1998	1999
Personal consumption of transportation								
Motor vehicles and parts	87.0	175.7	210.3	^R 249.3	^R 256.3	^R 263.1	^R 289.2	316.1
Gasoline and oil	86.7	97.2	109.2	^R 113.3	^R 124.2	^R 126.2	^R 112.9	123.8
Transport services	64.7	100.0	143.7	^R 197.7	^R 214.2	^R 234.4	^R 245.2	255.0
Total	238.4	372.9	463.2	^R560.3	^R594.7	^R623.7	^R647.3	694.9
Gross private domestic investment								
Transportation structures	3.7	4.3	3.0	4.4	5.4	6.1	6.8	U
Transportation equipment	48.4	69.7	75.5	^R 126.1	^R 138.9	^R 150.9	^R 176.0	197.1
Total	52.1	74.0	78.5	^R130.5	^R144.3	^R157.0	^R182.8	197.1
Exports (+)								
Civilian aircraft, engines, and parts	14.1	13.5	32.2	26.1	30.8	41.4	^R 53.5	53.4
Automotive vehicles, engines, and parts	17.4	24.9	36.5	61.8	65.0	74.0	^R 73.2	74.8
Passenger fares	2.6	4.4	15.3	18.9	20.4	^R 20.8	^R 20.0	21.1
Other transportation	11.6	14.7	22.7	^R 26.1	^R 26.1	^R 27.0	^R 25.5	27.5
Total	45.7	57.5	106.7	^R132.9	^R142.3	^R163.2	^R172.2	176.8
Imports (-)								
Civilian aircraft, engines, and parts	3.1	5.3	10.5	10.7	12.7	16.6	^R 21.8	23.4
Automotive vehicles, engines, and parts	28.3	64.9	88.5	123.8	128.9	^R 139.8	^R 149.1	180.1
Passenger fares	3.6	6.4	10.5	14.7	15.8	^R 18.1	^R 19.8	21.5
Other transportation	11.8	15.6	25.2	^R 27.0	^R 27.4	^R 29.0	^R 30.5	34.2
Total	46.8	92.2	134.7	^R176.2	^R184.8	^R203.5	^R221.2	259.2
Net exports of transportation-related goods and services^a	-1.1	-34.7	-28.0	-43.3	-42.5	-40.3	^R-49.0	-82.4

KEY: R = revised; U = data are not available

Continued next page

Table 3-2a
Cont'd**U.S. Gross Domestic Product (GDP) Attributed to Transportation-Related Final Demand**
(Current \$ billions)

	1980	1985	1990	1995	1996	1997	1998	1999
Government transportation-related purchases								
Federal purchases ^{b, R}	7.0	10.0	12.9	16.3	17.2	17.6	18.2	U
State and local purchases ^{b, R}	48.8	67.5	90.1	109.8	115.2	124.4	129.1	U
Defense-related purchases ^c	4.2	6.2	8.9	^R 8.4	^R 8.8	^R 8.1	^R 8.4	9.0
Total^R	60.0	83.7	111.9	134.5	141.2	150.1	155.7	U
Gross Domestic Product^R	2,795.6	4,213.0	5,803.2	7,400.5	7,813.2	8,300.8	8,759.9	9,256.1
Total transportation-related final demand^{d, R}	349.4	495.9	625.6	782.0	837.7	890.5	936.8	U
Total transportation in GDP (%)	12.5%	11.8%	^R 10.8%	^R 10.6%	^R 10.7%	^R 10.7%	^R 10.7%	U

^a Sum of exports and imports.^b Federal purchases and state and local purchases are the sum of consumption expenditures and gross investment.^c Defense-related purchases are the sum of transportation of material and travel.^d Sum of total personal consumption of transportation, total gross private domestic investment, net exports of transportation-related goods and services, and total government transportation-related purchases.**GDP:** U.S. Department of Commerce,

Bureau of Economic Analysis, Internet site

<http://www.bea.doc.gov/bea/dn/selstab29.exe>, as of May 17, 2000, table 1.1.**All other data:** 1980-90: U.S. Department of Commerce, Bureau of Economic Analysis, personal communication.1995-99: Ibid., *Survey of Current Business* (Washington, DC: April 2000), tables 1.1, 2.2, 3.10, 4.3, and 5.4.

KEY: R = revised; U = data are not available

SOURCES:**Federal, state, and local government transportation-related purchases:** U.S. Department of Commerce, Bureau of Economic Analysis, Internet site <http://www.bea.doc.gov/bea/dn/annonly.exe>, as of July 10, 2000. 1995-98 data also available in *Survey of Current Business* (Washington, DC: June 2000), table 3.15.

Table 3-2b**U.S. Gross Domestic Product (GDP) Attributed to Transportation-Related Final Demand**
(Chained 1996 \$ billions)

	^R 1980	^R 1985	^R 1990	^R 1995	^R 1996	^R 1997	^R 1998	1999
Personal consumption of transportation								
Motor vehicles and parts	142.7	236.9	246.1	253.4	256.3	263.8	291.9	318.2
Gasoline and oil	94.9	104.8	113.2	120.2	124.2	126.2	127.7	128.3
Transport services	124.7	152.6	173.5	201.0	214.2	226.3	234.2	241.0
Total	362.3	494.3	532.8	574.6	594.7	616.3	653.8	687.5
Gross private domestic investment								
Transportation structures	U	U	U	U	U	U	U	U
Transportation equipment	77.6	93.9	87.4	128.2	138.9	149.6	175.3	195.7
Total	77.6	93.9	87.4	128.2	138.9	149.6	175.3	195.7
Exports (+)								
Civilian aircraft, engines, and parts	26.9	19.5	40.9	27.2	30.8	40.0	51.1	49.9
Automotive vehicles, engines, and parts	28.3	30.5	39.8	62.5	65.0	73.4	72.5	73.7
Passenger fares	4.5	7.1	19.1	18.9	20.4	21.5	20.9	20.5
Other transportation	16.5	18.9	23.9	26.8	26.1	26.9	26.4	28.0
Total	76.2	76.0	123.7	135.4	142.3	161.8	170.9	172.1
Imports (-)								
Civilian aircraft, engines, and parts	6.0	7.7	13.5	11.2	12.7	16.0	20.7	21.7
Automotive vehicles, engines, and parts	52.5	95.8	101.6	124.6	128.9	139.5	148.6	178.3
Passenger fares	5.5	9.3	12.7	14.9	15.8	17.1	18.5	19.5
Other transportation	17.2	19.3	27.2	27.8	27.4	29.6	31.7	31.9
Total	81.2	132.1	155.0	178.5	184.8	202.2	219.5	251.4
Net exports of transportation-related goods and services^a	-5.0	-56.1	-31.3	-43.1	-42.5	-40.4	-48.6	-79.3

KEY: R = revised; U = data are not available

Continued next page

Table 3-2b
Cont'd**U.S. Gross Domestic Product (GDP) Attributed to Transportation-Related Final Demand**
(Chained 1996 \$ billions)

	^R 1980	^R 1985	^R 1990	^R 1995	^R 1996	^R 1997	^R 1998	1999
Government transportation-related purchases								
Federal purchases ^b	12.5	14.0	15.7	16.6	17.2	17.3	17.6	U
State and local purchases ^b	89.8	93.7	104.6	112.3	115.2	121.7	124.1	U
Defense-related purchases ^c	5.8	8.1	10.4	8.7	8.8	8.2	8.3	8.7
Total	108.1	115.8	130.7	137.7	141.2	147.3	150.0	U
Gross Domestic Product	4,900.9	5,717.1	6,707.9	7,543.8	7,813.2	8,144.8	8,495.7	8,848.2
Total transportation-related final demand^d	543.0	592.1	719.6	797.4	832.3	872.8	930.5	U
Total transportation in GDP (%)	11.1%	10.4%	10.7%	10.6%	10.7%	10.7%	11.0%	U

^a Sum of exports and imports.^b Federal and State purchases are the sum of consumption expenditures and gross investment.^c Defense-related purchases are the sum of transportation of material and travel.^d Sum of total personal consumption of transportation, total gross private domestic investment, net exports of transportation-related goods and services and total government transportation-related purchases.**NOTE:** Chained 1996 \$ value = (Quantity index for year n * 1996 current \$ value)/100.**SOURCES:****Federal, state, and local government transportation-related purchases:**U.S. Department of Commerce, Bureau of Economic Analysis, Internet site <http://www.bea.doc.gov/bea/dn/annonly.exe>, as of July 10, 2000. 1995-98 data also available in *Survey of Current Business* (Washington, DC: June 2000), table 3.15 and *Survey of Current Business* (Washington, DC: June 2000), table 7.11 (price indices for federal non-defense and state and local).**GDP:** U.S. Department of Commerce,

Bureau of Economic Analysis, Internet site

<http://www.bea.doc.gov/bea/dn/seltab29.exe>, as of May 17, 2000, table 1.2.**All other data:** 1980-90: U.S. Department of Commerce, Bureau of Economic Analysis, personal communication.1995-99: Ibid., *Survey of Current Business* (Washington, DC: April 2000), tables 1.1, 2.2, 3.10, 4.3, and 5.4.**Price indices (for computing 1980-1990 values):** U.S. Department of Commerce, Bureau of Economic Analysis, Internet site <http://www.bea.doc.gov/bea/dn/seltab29.exe>, as of May 17, 2000, tables 7.1, 7.4, 7.6, 7.10, and 7.12.

KEY: R = revised; U = data are not available

Table 3-3a U.S. Gross Domestic Demand (GDD) Attributed to Transportation-Related Final Demand (Current \$ billions)

	1980	1985	1990	1995	1996	1997	1998	1999
Personal consumption of transportation								
Motor vehicles and parts	87.0	175.7	210.3	^R 249.3	^R 256.3	^R 263.1	289.2	316.1
Gasoline and oil	86.7	97.2	109.2	^R 113.3	^R 124.2	^R 126.2	112.9	123.8
Transportation services	64.7	100.0	143.7	^R 197.7	^R 214.2	^R 234.4	245.2	255.0
Total	238.4	372.9	463.2	^R560.3	^R594.7	^R623.7	647.3	694.9
Gross private domestic investment								
Transportation structures	3.7	4.3	3.0	4.4	5.4	^R 5.9	6.6	U
Transportation equipment	48.4	69.7	75.5	^R 126.1	^R 138.9	^R 150.9	176.0	U
Total	52.1	74.0	78.5	^R130.5	^R144.3	^R156.8	182.6	U
Government transportation-related purchases								
Federal purchases ^{a,R}	7.0	10.0	12.9	16.3	17.2	17.6	18.2	U
State and local purchases ^{a,R}	48.8	67.5	90.1	109.8	115.2	124.4	129.1	U
Defense-related purchases ^b	4.2	6.2	8.9	^R 8.4	^R 8.8	^R 8.1	8.4	9.0
Total^R	60.0	83.7	111.9	136.6	141.2	150.1	155.7	U
Gross Domestic Demand^R	2,810.5	4,327.2	5,874.6	7,484.7	7,902.1	8,389.1	8,909.5	9,510.0
Total domestic transportation-related final demand^{c,R}	350.5	530.6	653.6	^R827.4	^R880.2	^R930.6	985.6	U
Total transportation in GDD (%)^R	12.5%	12.3%	11.1%	11.1%	11.1%	11.1%	11.1%	U

^a Federal purchases and state and local purchases are the sum of consumption expenditures and gross investment.

^b Defense-related purchases are the sum of the transportation of material and travel.

^c Sum of total personal consumption of transportation, total gross private domestic investment, and total government-related purchases.

SOURCES:

Gross domestic demand: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business* (Washington, DC: April 2000), table 1 (p. 127).

Federal, state, and local government purchases: Ibid., *Survey of Current Business* (Washington, DC: June 2000), table 3.15.

All other data: 1980-90: U.S. Department of Commerce, Bureau of Economic Analysis, personal communication.

1995-99: Ibid., *Survey of Current Business* (Washington, DC: April 2000), tables 2.2, 3.10, 5.6, 5.8, and 1 (p. 127).

KEY: R = revised; U = data are not available

Table 3-3b

U.S. Gross Domestic Demand (GDD) Attributed to Transportation-Related Final Demand (Chained 1996 \$ billions)

	^R 1980	^R 1985	^R 1990	^R 1995	^R 1996	^R 1997	1998	1999
Personal consumption of transportation								
Motor vehicles and parts	142.7	236.9	246.1	253.4	256.3	263.8	291.9	318.2
Gasoline and oil	94.9	104.8	113.2	120.2	124.2	126.2	127.7	128.3
Transportation services	124.7	152.6	173.5	201.0	214.2	226.3	234.2	241.0
Total	362.3	494.3	532.8	574.6	594.7	616.3	653.8	687.5
Gross private domestic investment								
Transportation structures	6.4	5.7	3.7	4.6	5.4	5.7	6.3	U
Transportation equipment	77.6	93.9	87.4	128.2	138.9	149.6	175.3	U
Total	84.0	99.6	91.1	132.8	144.3	155.3	181.6	U
Government transportation-related purchases								
Federal purchases ^a	12.5	14.0	15.7	16.6	17.2	17.3	17.6	U
State and local purchases ^a	89.8	93.7	104.6	112.3	115.2	121.7	124.1	U
Defense-related purchases ^b	5.8	8.1	10.4	8.7	8.8	8.2	8.3	8.7
Total	108.1	115.8	130.7	137.7	141.2	147.3	150.0	U
Gross Domestic Demand	4,890.9	5,866.2	6,764.4	7,622.2	7,902.1	8,256.9	8,713.3	9,171.3
Total domestic transportation-related final demand^c	554.4	709.7	754.6	845.1	880.2	918.9	985.4	U
Total transportation in GDD (%)	11.3%	12.1%	11.2%	11.1%	11.1%	11.1%	11.3%	U

^a Federal purchases and state and local purchases are the sum of consumption expenditures and gross investments.

^b Defense-related purchases are the sum of the transportation of material and travel.

^c Sum of total personal consumption of transportation, total gross private domestic investment, and total government-related purchases.

NOTE: Chained 1996 \$ value= (Quantity index for year n * 1996 current \$ value)/100.

SOURCES:

Federal, state, and local government transportation-related purchases: U.S. Department of Commerce, Bureau of Economic Analysis, Internet site <http://www.bea.doc.gov/bea/dn/annonly.exe>, as of July 10, 2000. 1995-98 data also available in *Survey of Current Business* (Washington, DC: June 2000), table 3.15 and *Survey of Current Business* (Washington, DC: June 2000), table 7.11 (price indices for federal non-defense and state and local).

All other data: 1980-90: U.S.

Department of Commerce, Bureau of Economic Analysis, personal communication.

1995-99: Ibid., *Survey of Current Business* (Washington, DC: April 2000), tables 2.3, 5.7, 5.9, 3.11, and 2A (p. 131).

Price indices (for computing 1980-1990 values): U.S. Department of Commerce, Bureau of Economic Analysis, Internet site

<http://www.bea.doc.gov/bea/dn/seltab29.exe>, as of May 17, 2000, tables 7.4, 7.7, 7.8, and 7.12.

KEY: R = revised; U = data are unavailable

Table 3-4a Contributions to Gross Domestic Product (GDP): Selected Industries (Current \$ billions)

	1990	1991	1992	1993	1994	1995	1996	1997	1998
GDP by industry									
Services ^R	1,072	1,124	1,219	1,288	1,365	1,462	1,564	1,693	1,841
Health care ^R	314	345	378	395	414	433	459	476	496
Education	40	44	^R 47	49	^R 53	^R 56	58	^R 61	66
Finance, insurance, and real estate ^R	1,010	1,072	1,141	1,205	1,255	1,347	1,437	1,562	1,674
Manufacturing ^R	1,041	1,044	1,082	1,131	1,223	1,289	1,316	1,377	1,433
Durable goods ^R	587	576	594	633	694	730	748	799	843
Nondurable goods ^R	454	468	488	499	529	559	568	579	590
Government ^R	807	857	894	925	958	990	1,020	1,059	1,100
Federal ^R	300	322	334	336	340	342	347	355	361
State and local ^R	506	535	561	589	618	647	674	704	739
Retail trade ^R	508	524	552	578	621	647	687	734	782
Wholesale trade ^R	376	396	415	433	479	501	530	572	614
Construction ^R	249	233	234	249	275	290	316	343	373
For-hire transportation	^R 177	186	193	^R 206	^R 223	^R 233	^R 243	^R 263	284
Electric, gas, and sanitary services ^R	165	177	181	189	197	207	208	207	217
Communications ^R	148	156	164	179	191	202	215	243	259
Agriculture, forestry, and fishing	^R 108	103	112	^R 108	119	110	130	^R 130	125
Mining	112	^R 97	^R 88	^R 88	^R 90	^R 96	^R 113	121	106
Total GDP^R	5,803	5,986	6,319	6,642	7,054	7,401	7,813	8,301	8,760
Statistical discrepancy ^R	31	20	44	64	59	27	33	-3	-48

KEY: R=Revised

Continued next page

Table 3-4a
Cont'd**Contributions to Gross Domestic Product (GDP): Selected Industries (Current \$ billions)**

	1990	1991	1992	1993	1994	1995	1996	1997	1998
% of GDP									
Services	18	19	19	19	19	20	20	20	21
Health care	5	6	6	6	6	6	6	6	6
Education	1	1	1	1	1	1	1	1	1
Finance, insurance, and real estate	^R 17	18	18	^R 18	18	^R 18	^R 18	19	19
Manufacturing	18	17	17	17	^R 17	^R 17	17	17	16
Durable goods	10	^R 10	9	^R 10	10	10	10	10	10
Nondurable goods	^R 8	8	8	8	8	8	7	7	7
Government	14	14	14	14	^R 14	13	13	13	13
Federal	5	5	5	5	5	5	4	4	4
State and local	9	9	9	9	9	9	9	^R 8	8
Retail trade	9	9	9	9	9	9	9	9	9
Wholesale trade	6	7	7	^R 7	7	7	7	7	7
Construction	4	4	4	4	4	4	4	4	4
For-hire transportation	3	3	3	3	3	3	3	3	3
Electric, gas, and sanitary services	3	3	3	3	3	3	3	2	2
Communications	3	3	3	3	3	3	3	3	3
Agriculture, forestry, and fishing	2	2	2	2	2	^R 1	2	2	1
Mining	2	2	1	1	1	1	1	1	1

SOURCE: 1990-98: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business* (Washington, DC: June 2000), table 1.

KEY: R=Revised

Table 3-4b Contributions to Gross Domestic Product (GDP): Selected Industries (Chained 1996 \$ billions)

	1990	1991	1992	1993	1994	1995	1996	1997	1998
GDP by industry									
Services ^R	1,362	1,352	1,391	1,418	1,458	1,510	1,564	1,634	1,708
Health services ^R	423	433	443	437	438	444	459	463	467
Educational services ^R	50	53	53	55	57	59	58	59	61
Finance, insurance, and real estate ^R	1,251	1,271	1,297	1,329	1,348	1,393	1,437	1,511	1,607
Manufacturing ^R	1,102	1,066	1,085	1,123	1,206	1,285	1,316	1,386	1,449
Durable goods ^R	585	559	569	600	657	715	748	820	907
Nondurable goods ^R	520	511	520	525	551	570	568	566	546
Government ^R	1,008	1,012	1,015	1,013	1,016	1,017	1,020	1,036	1,047
Federal ^R	385	385	382	373	367	354	347	349	350
State and local ^R	624	628	634	640	649	663	674	687	697
Retail trade ^R	560	555	570	582	617	641	687	739	796
Wholesale trade ^R	395	417	445	452	482	483	530	589	664
Construction ^R	291	269	272	279	297	300	316	329	343
For-hire transportation	^R 181	186	^R 194	201	^R 219	^R 225	^R 243	^R 257	262
Electric, gas, and sanitary services ^R	190	196	193	193	197	207	208	203	208
Communications ^R	155	162	169	182	191	202	215	240	257
Agriculture, forestry, and fishing ^R	119	121	131	123	136	123	130	143	143
Mining ^R	106	101	96	101	108	113	113	119	126
Total GDP^R	6,708	6,676	6,880	7,063	7,348	7,544	7,813	8,145	8,496
Statistical discrepancy ^{a, R}	35	22	47	68	61	27	33	-3	-46

KEY: R = revised

Continued next page

Table 3-4b
Cont'd**Contributions to Gross Domestic Product (GDP): Selected Industries (Chained 1996 \$ billions)**

	1990	1991	1992	1993	1994	1995	1996	1997	1998
% of GDP									
Services ^R	20	20	20	20	20	20	20	20	20
Health services	6	6	6	6	6	6	^R 6	^R 6	5
Educational services	1	1	1	1	1	1	1	1	1
Finance, insurance, and real estate	^R 19	^R 19	^R 19	^R 19	18	18	18	^R 19	19
Manufacturing ^R	16	16	16	16	16	17	17	17	17
Durable goods ^R	9	8	8	8	9	9	10	10	11
Nondurable goods	8	8	8	^R 7	8	8	^R 7	7	6
Government	^R 15	^R 15	^R 15	14	^R 14	13	13	^R 13	12
Federal	^R 6	^R 6	^R 6	5	5	^R 5	4	4	4
State and local	9	9	9	9	9	9	^R 9	8	8
Retail trade	^R 8	^R 8	^R 8	^R 8	^R 8	9	^R 9	^R 9	9
Wholesale trade	6	6	^R 6	^R 6	7	^R 6	7	7	8
Construction	4	4	4	4	4	4	4	4	4
For-hire transportation	3	3	3	3	3	3	3	3	3
Electric, gas, and sanitary services	3	3	3	3	3	3	3	^R 2	2
Communications	2	^R 2	^R 2	3	3	3	3	3	3
Agriculture, forestry, and fishing	2	2	2	2	2	2	2	2	2
Mining	2	2	1	^R 1	^R 1	^R 1	1	^R 1	1

^a Equals the current dollar statistical discrepancy deflated by the implicit price deflator for gross domestic business product.

SOURCE: 1990-98: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business* (Washington, DC: June 2000), table 1.

KEY: R = revised

Table 3-5 Gross Domestic Product (GDP) by Major Social Function (Current \$ billions)

	1991	1992	1993	1994	1995	1996	1997	1998	1999
Housing^R	1,392	1,486	1,584	1,703	1,766	1,874	1,970	2,107	2,239
% of total	23	24	24	24	24	24	24	^R 24	24
Healthcare^R	818	893	957	1,011	1,086	1,142	1,200	1,272	1,356
% of total	14	14	14	14	^R 15	^R 15	14	15	15
Food^R	791	819	839	889	926	985	1,014	1,058	1,104
% of total	13	13	13	^R 13	^R 13	^R 13	12	12	12
Transportation^{a, R}	617	656	699	748	782	838	890	937	980
% of total	^R 10	^R 10	11	11	11	11	11	11	11
Education	409	428	^R 447	469	^R 511	^R 541	^R 574	^R 608	644
% of total	7	7	7	7	7	7	7	7	7
Other^R	1,958	2,036	2,116	2,233	2,330	2,434	2,653	2,779	2,934
% of total	^R 33	32	^R 32	^R 32	31	31	32	^R 32	32
Total GDP^R	5,986	6,319	6,642	7,054	7,401	7,813	8,301	8,760	9,256

^a Transportation-related final demand.

NOTE: Numbers and percents may not add to totals due to rounding.

SOURCES: 1991-94: U.S. Department of Commerce, Bureau of Economic Analysis, unpublished data and personal communications.

1995-98: Ibid., *Survey of Current Business* (Washington, DC: December 1999), tables 2.4, 3.10, 3.15, 4.3, 5.6, 5.8, 5.10, and (Washington, DC: June 2000), table 3.15.

1999: Ibid., (Washington, DC: June 2000), table 1.1; and U.S. Department of Transportation, Bureau of Transportation Statistics, extrapolations based on average annual economic growth rates during the 1990s.

KEY: R = revised

Table 3-6 National Transportation and Economic Trends

	1960	1965	1970	1975	1980	1985	1990	1995	1996	1997	1998	1999
Passenger-miles (billions)^R	1,327	1,630	2,170	2,561	2,895	3,326	3,946	4,333	4,483	4,623	4,749	U
Index (1980 = 100)	46	56	75	88	100	115	136	150	155	160	164	U
Ton-miles (billions)	1,562	1,854	2,207	2,285	^R 2,989	2,949	3,196	3,648	3,725	^R 3,682	3,710	U
Index (1980 = 100)	52	62	74	76	100	99	107	122	125	^R 123	124	U
Population^a (millions)	181	194	205	216	228	238	250	263	265	268	271	U
Index (1980 = 100)	79	85	90	95	100	104	110	115	116	118	119	U
Industrial Production Index^b (1992 = 100)^R	37	50	59	63	80	88	99	114	^R 119	127	^R 132	^P 137
Gross Domestic Product												
Current \$ (billions)	527	719	1,036	1,063	2,784	4,181	5,744	7,270	7,662	8,111	^R 8,760	9,255
Index (1980 = 100)	19	26	37	^R 38	100	150	206	261	275	291	^R 315	332
Chained (1992) \$ (billions)	2,263	2,881	3,398	3,398	4,615	5,324	6,136	6,762	6,995	7,270	8,516	8,867

^a Estimates as of July 1. Includes Armed Forces abroad.

^b Industrial Production Index covers manufacturing, mining, and utilities.

SOURCES:

Passenger-miles: 1960-98: Summation of all modes from the passenger-miles table in chapter 1.

Ton-miles: 1960-98: Summation of all modes from the ton-miles table in chapter 1.

Population: 1960-98: U.S. Department of Commerce, Census Bureau, *Statistical Abstract of the United States, 1999* (Washington, DC: 1999), table 2.

Industrial Production Index: 1960-99: Council of Economic Advisors, *Economic Report of the President* (Washington, DC: February 2000), table B-49.

Gross Domestic Product: 1960-97: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business* (Washington, DC: August 1998), table 1, pp. 147-148, and table 2A, pp. 151-152.

1998-99: Ibid., *Survey of Current Business* (Washington, DC: February 2000), tables 1.1 and 1.2.

KEY: P = preliminary; R = revised;
U = data are not available